



### **LM324MX Information**

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For Reference Only

Part Number LM324MX

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1MHZ 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

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# **LM324MX Specifications**

Manufacturer Part Number  Manufacturer  Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  14-SOIC (0.154", 3,90mm Width)  Series  - Amplifier Type  General Purpose  Number of Circuits  4 Output Type  - Slew Rate  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  1.5mV  Current - Supply  ImA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  14-SOIC  14-SOIC  14-SOIC  15-SIT VA  Taxas Instruments  Instruments  Instrumentation, OP Amps, Buffer Amps  Buffer Amps  14-SOIC  Instrumentation, OP Amps, Buffer Amps  Buffer Amps  14-SOIC  Taxas Instruments  14-SOIC  Taxas Instrumentation, OP Amps, Buffer Amps  Buffer Amps  14-SOIC		
Integrated Circuits (ICs)	Manufacturer Part Number	LM324MX
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  14-SOIC (0.154", 3.90mm Width)  Series  - Amplifier Type General Purpose  Number of Circuits 4  Output Type - Slew Rate Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 40nA  Voltage - Input Offset 1.5mV  Current - Supply ImA  Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) Operating Temperature  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package  14-SOIC	Manufacturer	Texas Instruments
Package 14-SOIC (0.154", 3.90mm Width)  Series -  Amplifier Type General Purpose  Number of Circuits 4  Output Type -  Slew Rate -  Gain Bandwidth Product 1MHz  -3db Bandwidth -  Current - Input Bias 40nA  Voltage - Input Offset 1.5mV  Current - Supply 1mA  Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose  Number of Circuits 4  Output Type - Slew Rate - Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 40nA  Voltage - Input Offset 1.5mV  Current - Supply 1mA  Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 4 Output Type - Slew Rate - Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 1.5mV Current - Supply 1mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits       4         Output Type       -         Slew Rate       -         Gain Bandwidth Product       1MHz         -3db Bandwidth       -         Current - Input Bias       40nA         Voltage - Input Offset       1.5mV         Current - Supply       1mA         Current - Output / Channel       40mA         Voltage - Supply, Single/Dual (±)       3 V ~ 32 V, ±1.5 V ~ 16 V         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Package / Case       14-SOIC (0.154", 3.90mm Width)         Supplier Device Package       14-SOIC	Series	-
Output Type  Slew Rate  Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  Voltage - Input Offset  Current - Supply  ImA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  14-SOIC  IMHz  -  -  -  -  -  -  -  -  -  -  -  -  -	Amplifier Type	General Purpose
Slew Rate Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 1.5mV  Current - Supply ImA  Current - Output / Channel Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 40nA Voltage - Input Offset 1.5mV Current - Supply 1mA Current - Output / Channel 40mA Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Output Type	-
-3db Bandwidth - Current - Input Bias 40nA Voltage - Input Offset 1.5mV Current - Supply 1mA Current - Output / Channel 40mA Voltage - Supply, Single/Dual (±) 3 V ~ 32 V, ±1.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Slew Rate	-
Current - Input Bias  Voltage - Input Offset  1.5mV  Current - Supply  1mA  Current - Output / Channel  40mA  Voltage - Supply, Single/Dual (±)  3 V ~ 32 V, ±1.5 V ~ 16 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Gain Bandwidth Product	1MHz
Voltage - Input Offset 1.5mV   Current - Supply 1mA   Current - Output / Channel 40mA   Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V   Operating Temperature 0°C ~ 70°C   Mounting Type Surface Mount   Package / Case 14-SOIC (0.154", 3.90mm Width)   Supplier Device Package 14-SOIC	-3db Bandwidth	-
Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  O°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Current - Input Bias	40nA
Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual (±) $3 V \sim 32 V$ , $\pm 1.5 V \sim 16 V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount  Package / Case $14$ -SOIC $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package $14$ -SOIC	Voltage - Input Offset	1.5mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 32 V, $\pm$ 1.5 V ~ 16 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Current - Supply	1mA
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Current - Output / Channel	40mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply, Single/Dual (±)	3 V ~ 32 V, ±1.5 V ~ 16 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	0°C ~ 70°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
_	Supplier Device Package	14-SOIC
Report errors		Report errors?

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#### **Quality Guarantees**

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